

IN THE CLAIMS:

Please amend Claim 1 as follows:

1. (Currently amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, wherein the stenting catheter is located within the lumen of the sheath catheter.

2. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, wherein the sheath catheter further comprises a peel-away catheter.

3. (Original) The vessel harvesting device of Claim 2, wherein the peel-away catheter is longitudinally scored.

4. (Cancelled)

5. (Original) The vessel harvesting device of Claim 1, wherein the cutting tube has a beveled cutting edge.

6. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, wherein the cutting tube has a bevelled cutting edge that is beveled radially outward.

7. (Original) The vessel harvesting device of Claim 1, wherein the cutting tube further comprises an inner collecting lumen.

8. (Original) The vessel harvesting device of Claim 7, wherein the cutting tube is about 5 to about 20 cm long, about 3 to about 15 mm in diameter, and the collecting lumen is about 3 to about 15 cm long.

9. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, wherein the sheath catheter has connecting prongs at its distal end and the cutting tube has corresponding connecting ports at its distal end for connecting the cutting tube to the sheath catheter.

β^2 10. (Original) The vessel harvesting device of claim 9, wherein the cutting tube further comprises a channel for inserting the sheath catheter's connecting prongs through the lumen of the cutting tube.

11. (Original) The vessel harvesting device of Claim 10, wherein the channel is located 90 degrees from the connecting ports.

12. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, further comprising a plurality of guide wires for guiding the cutting tube during vessel harvesting.

Claims 13-22. (Cancelled)